

## Structural formula (aka displayed, expanded structural formula) practise

### QUESTIONS:

- i) draw the structural formula for each organic substance and...
- ii) circle the functional group of each substance
- iii) name the homologous series that the substance is in

ethanoic acid	2-aminopentane	
1-aminopropane	butan-1,3-diol	3-methylbut-1-yne
methanol	2-chloropent-2-ene	2-chlorobutan-2-ol

3-chlorobutan-1-ol	$C_4H_8O_2$	2-chloro-3-methylbutanoic acid
A branched-chain secondary alcohol $C_5H_{11}OH$	A branched-chain tertiary alcohol $C_5H_{11}OH$	2-amino-3-methylbutane
4-chlorobutanoic acid	pentan-2-ol	4-methylpent-2-yne
3-aminopentane	2-chloropropan-1-ol	2-amino-2,3-dimethylbutane

pent-2-ene	3-chloropropan-1-ol	2-bromo-3-methylbutanoic acid
4-methylpent-2-ene	butanoic acid	2,4-dichlorobut-1-ene